



Amazon  
Linux

# Introducción a Linux

## Amazon AMI



# INTRODUCCIÓN

Este laboratorio está diseñado para reforzar su conocimiento de la funcionalidad básica de la interfaz de línea de comandos y proporcionar una base sólida desde la cual puede continuar aprendiendo sobre nuevos comandos y capacidades dentro del Shell de Linux.

## OBJETIVOS

- Utilice SSH para acceder a una AMI de Amazon Linux dentro de los laboratorios de Vocareum.
- Entender el propósito del comando man.
- Demuestre la función de búsqueda de las páginas del manual.
- Examinar los encabezados de las páginas del manual.



# TAREA 1

En esta tarea, se conectará a una instancia EC2 de Amazon Linux. Utilizará una utilidad SSH para realizar todas estas operaciones. Las siguientes instrucciones varían ligeramente según si utiliza Windows o Mac/Linux.

## En Linux

- o Usando distribución Ubuntu con Subsistema de Windows para Linux (WSL).

```
ec2-user@ip-10-0-10-43:~  
leps2408@LAPTOP-1I89QL1A:~$ neofetch  
      .-/+oossssoo+/-.  
      `:+ssssssssssssssss+:`  
      -+ssssssssssssssssyyssst-  
      .osssssssssssssssdMMMMyssso.  
      /ssssssssshdmmNNmyNNMMhsssss/  
      +ssssssshmydMMMMMMNddddyssssst+  
      /ssssssshNNMMMyhhyyyhmNNMMNhsssss/  
      .sssssssdMMMhssssssshNNMMdssssss.  
      +ssshhhyNNMMNysssssssssyNNMMYssssst+  
      ossyNNMMNyMMhssssssssssshmmhssssso  
      ossyNNMMNyMMhssssssssssshmmhssssso  
      +ssshhhyNNMMNysssssssssyNNMMYssssst+  
      .sssssssdMMMhssssssshNNMMdssssss.  
      /ssssssshNNMMMyhhyyyhdNNMMNhsssss/  
      +sssssssdmydMMMMMMNddddyssssst+  
      /ssssssssshdmmNNNNmyNNMMhsssss/  
      .osssssssssssssssdMMMMyssso.  
      -+ssssssssssssssssyyssst-  
      `:+ssssssssssssss+:`  
      .-/+oossssoo+/-.  
  
leps2408@LAPTOP-1I89QL1A  
-----  
OS: Ubuntu 20.04.6 LTS on Windows 10 x86_64  
Kernel: 5.15.153.1-microsoft-standard-WSL2  
Uptime: secs  
Packages: 673 (dpkg), 4 (snap)  
Shell: bash 5.0.17  
Theme: Adwaita [GTK3]  
Icons: Adwaita [GTK3]  
Terminal: Relay(482)  
CPU: Intel i5-10300H (8) @ 2.496GHz  
GPU: 0929:00:00.0 Microsoft Corporation Device 008e  
Memory: 421MiB / 3838MiB  
  
  █  █  █  █  █  █  █  █  
  █  █  █  █  █  █  █  █
```





## TAREA 2

En este ejercicio, se utiliza un terminal bash para ver el sistema de ayuda estándar de Linux. Este sistema se conoce generalmente como páginas de manual (o páginas man).

- o Usando el comando `man man` para abrir el manual del programa.

```
ec2-user@ip-10-0-10-43:~ x + - □ x
[ec2-user@ip-10-0-10-43 ~]$ man man
[ec2-user@ip-10-0-10-43 ~]$ |
```

- o Principales cabeceras del manual del programa.

```
MAN(1)                                Manual pager utils                                MAN(1)
NAME
man - an interface to the on-line reference manuals
```

```
SYNOPSIS
man [-C file] [-d] [-D] [--warnings[=warnings]] [-R encoding] [-L locale] [-m system[,...]]
[-M path] [-S list] [-e extension] [-i|-I] [--regex|--wildcard] [--names-only] [-a] [-u]
[--no-subpages] [-P pager] [-r prompt] [-7] [-E encoding] [--no-hyphenation] [--no-justifi-
cation] [-p string] [-t] [-T[device]] [-H[browser]] [-X[dpi]] [-Z] [[section] page ...] ...
man -k [apropos options] regexp ...
man -K [-w|-W] [-S list] [-i|-I] [--regex] [section] term ...
man -f [whatis options] page ...
man -l [-C file] [-d] [-D] [--warnings[=warnings]] [-R encoding] [-L locale] [-P pager] [-r
prompt] [-7] [-E encoding] [-p string] [-t] [-T[device]] [-H[browser]] [-X[dpi]] [-Z] file
...
man -w|-W [-C file] [-d] [-D] page ...
man -c [-C file] [-d] [-D] page ...
man [-?V]
```

```
DESCRIPTION
man is the system's manual pager. Each page argument given to man is normally the name of a
program, utility or function. The manual page associated with each of these arguments is
then found and displayed. A section, if provided, will direct man to look only in that sec-
tion of the manual. The default action is to search in all of the available sections, fol-
lowing a pre-defined order and to show only the first page found, even if page exists in
several sections.
```



## EXAMPLES

```
man ls
    Display the manual page for the item (program) ls.
```

```
man -a intro
    Display, in succession, all of the available intro manual pages contained within the
    manual. It is possible to quit between successive displays or skip any of them.
```

## OVERVIEW

Many options are available to `man` in order to give as much flexibility as possible to the user. Changes can be made to the search path, section order, output processor, and other behaviours and operations detailed below.

## OPTIONS

Non argument options that are duplicated either on the command line, in `$MANOPT`, or both, are not harmful. For options that require an argument, each duplication will override the previous argument value.

## FILES

/etc/man\_db.conf  
man-db configuration file.

/usr/share/man  
A global manual page hierarchy.

/usr/share/man/index.(bt|db|dir|pag)  
A traditional global index database cache.

/var/cache/man/index.(bt|db|dir|pag)  
An FHS compliant global index database cache.

## SEE ALSO

`apropos(1)`, `groff(1)`, `less(1)`, `manpath(1)`, `nroff(1)`, `troff(1)`, `whatis(1)`, `zsoelim(1)`, `setlocale(3)`, `manpath(5)`, `ascii(7)`, `latin1(7)`, `man(7)`, `catman(8)`, `mandb(8)`, the man-db package manual, FSSTND